106. (New) A method in a data processing system having a remote procedure with a parameter having a declared type, comprising:

receiving a remote object reference as the parameter to the remote procedure such that the remote object reference refers to a remote object having a specified type that is a superset of the declared type;

accessing a stub object that is downloaded from a remote location to facilitate access to the remote object; and

accessing the remote object using the stub object.

107. (New) The method of claim 106, wherein the remote object has a method and wherein the accessing the remote object step includes:

invoking the method.

108. (New) The method of claim 106 wherein accessing the stub object includes:

generating the stub object at runtime.

109. (New) A method in a data processing system having a remote procedure with a return value having a declared type, comprising:

receiving a remote object reference as the return value to the remote procedure such that the remote object reference refers to a remote object having a specified type that is a superset of the declared type;

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accessing a stub object that is downloaded from a remote location to facilitate access to the remote object; and

accessing the remote object using the stub object.

110. (New) A data processing system comprising:

a memory containing:

a client program configured to pass a reference to a local object as a parameter during an invocation of a remote procedure and configured to receive a return value of the remote procedure, the parameter having a declared type, the local object having a specified type that is a superset of the declared type; and

a server program having the remote procedure, the server program configured to receive the reference to the local object during the invocation of the remote procedure, configured to access stub code to facilitate access to the local object, configured to access the local object using the stub code, and configured to return the return value to the client program; and

a processor for running the client program and the server program, wherein the client program is further configured to access a stub object that is downloaded from the server program to facilitate access to the remote object.

111. (New) The data processing system of claim 110 wherein the client program has a return value configuration component configured to receive a reference to a remote object as the return value, and configured to access the remote object using the stub object, wherein the return value has a second declared type, and wherein the

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remote object has a second specified type that is a superset of the second declared type.

112. (New) A computer-readable medium containing instructions for controlling a data processing system to perform a method, the data processing system having a remote procedure with a parameter having a declared type, the method comprising:

receiving a remote object reference as the parameter to the remote procedure such that the remote object reference refers to a remote object having a specified type that is a superset of the declared type;

accessing a stub object that is downloaded from a remote location to facilitate access to the remote object; and

accessing the remote object using the stub object.

113. (New) The method of claim 112 wherein accessing the stub object includes:

generating the stub object at runtime.

114. (New) A computer-readable medium containing instructions for controlling a data processing system to perform a method, the data processing system having a remote procedure with a return value having a declared type, the method comprising:

receiving a remote object reference as the return value to the remote procedure such that the remote object reference refers to a remote object having a specified type that is a superset of the declared type;

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